

## PATENT ABSTRACTS OF JAPAN

(11) Publication number: 2002029174 A

(43) Date of publication of application: 29.01.02

(21) Application number: 2000213170 (71) Applicant: SUMITOMO RUBBER IND LTD (22) Date of filing: 13.07.00 (72) Inventor: KONDO YASUHIKO SUGITANI MAKOTO NISHIBAYASHI JUN

## (54) MOLD FOR PRINTING BLANKET

## (57) Abstract:

PROBLEM TO BE SOLVED: To provide molds for a printing blanket, in which the labor and cost for manufacturing is reduced and, at the same time, their handleability at use is improved and, under the condition that the thickness of the printing blanket is prevented from varying widely in regions, in which the designed thicknesses are equal to one another in one and the same printing blanket, or among the same position of a plurality of printing blankets different from one another, the predetermined shape and thickness distribution in dimensions at the arbitrary position of the blanket can be formed by lessening the thicknesses of a pair of the molds.

SOLUTION: Under the condition that the outer surface 11 side of one mold 1 between a pair of flat plate-like molds 1 and 2 corresponding to the ink carrying surface and the rear surface of the printing blanket is reinforced by H-steels 3, etc., as reinforcing member, the mold 1 is deformed by spacers S, etc., inserted between the H-steel 3 and an outer surface 11, resulting in forming a convex surface (a three-dimensional surface) having the predetermined dimensions and shape for forming a predetermined thickness distribution on a

shaping surface 40 on the inner surface 10 side in a mold M for molding the printing blanket.

